

Estimating Sums and Differences of Fractions and Mixed Numbers

P 4-4

Round to the nearest whole number.

1. $3\frac{4}{9}$ _____ 2. $5\frac{6}{7}$ _____ 3. $2\frac{2}{5}$ _____ 4. $11\frac{12}{15}$ _____

Estimate each sum or difference.

5. $2\frac{1}{4} + 3\frac{5}{6}$ _____ 6. $5\frac{6}{9} - 1\frac{3}{4}$ _____
 7. $8\frac{5}{13} + 5\frac{3}{5}$ _____ 8. $11 - 6\frac{3}{7} + 2\frac{2}{5}$ _____

Rodrigo and Mel are competing in a track meet. The table at the right shows the results of their events.

Participant	Event	Results/Distance
Rodrigo	Long jump	1. $6\frac{3}{8}$ ft 2. $5\frac{5}{6}$ ft
	Softball throw	$62\frac{1}{5}$ ft
Mel	Long jump	1. $4\frac{7}{10}$ ft 2. $4\frac{3}{4}$ ft
	Softball throw	$71\frac{7}{8}$ ft

9. Rodrigo claims his best jump was about 1 ft longer than Mel's best jump. Is he correct?

Test Prep

10. Use the table above. If the school record for the softball throw is 78 ft, about how much farther must Rodrigo throw the ball to match the record?

A. 15 ft B. 16 ft C. 18 ft D. 20 ft

11. **Writing in Math** Consider the sum of $\frac{3}{5} + \frac{3}{4}$. Round each fraction and estimate the sum. Add the two fractions using a common denominator and then round the result. Which estimate is closest to the actual answer?
